



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/038,032
Filing Date	1/2/2002
First Named Inventor	Candelore et al.
Art Unit	2611
Examiner Name	Grant, Christopher
Attorney Docket Number	SNY-R4646.02

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HS		US-6,549,229	4-15-2003	Kirby et al.	
HS		US-6,904,520	6-7-2005	Rosset et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ - Number ⁴ - Kind Code ⁵ (if known)				

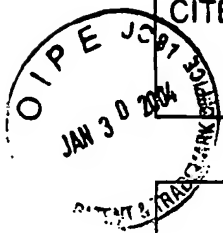
NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HS		LIU, et al. "Motion Vector Encryption in Multimedia Streaming, 2004, IEEE, pages 64-71	

Examiner Signature	Hosuk Song	Date Considered	12/23/05
-----------------------	------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



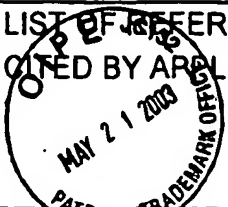
LIST OF REFERENCES CITED BY APPLICANT(S)	Application No.: 10/038,032	Sheet 1 of 1
	Docket No.: SNY-R4646.02	Group: 2611
	Filed: 1/2/2002	Conf. No.: 7076
	Applicant: Candelore, et al.	

U.S. PATENT DOCUMENTS					
Exam. Init.	Document Number	Issue/Pub. Date	Name	Class	Filing Date
HS	US4,944,006	7/24/1990	Citta et al.		4/25/1989
HS	US4,995,080	2/19/1991	Bestler et al.		7/16/1990
HS	US5,555,305	9/10/1996	Robinson et al.		9/29/1992
HS	US6,011,849	1/4/2000	Orrin		8/28/1997
HS	US6,021,199	2/1/2000	Ishibashi		10/14/1997
HS	US6,240,553	5/29/2001	Son et al.		12/10/1999
HS	US6,292,568	9/18/2000	Atkins III, et al.		1/19/2000
HS	US6,378,130	4/23/2002	Adams		10/20/1997
HS	US6,415,031	7/2/2002	Colligan et al.		3/20/2000
HS	US2002/0129243	9/12/2002	Nanjundiah		3/8/2001

FOREIGN PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Country	Class	Translation

OTHER DOCUMENTS / CITATIONS	
Exam. Init.	Document
	RECEIVED
	FEB 03 2004
	Technology Center 2600

Examiner: HOSUK SONG	Date: 12/23/05
----------------------	----------------

LIST OF REFERENCES CITED BY APPLICANT(S) 	Application No.: 10/038,032	Sheet 1 of 1
	Docket No.: SNY-R4646.02	Group: 2611
	Filed: 1/2/2002	Conf. No.: 7076
	Applicant: CANDELORE ET AL.	

RECEIVED

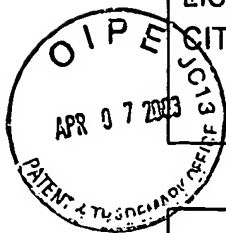
MAY 22 2003

U.S. PATENT DOCUMENTS					Technology Center 2600
Exam. Init.	Document Number	Issue/Pub. Date	Name	Class	Filing Date
HS	4,739,510	4/19/1988	Jeffers et al.		4/2/1987
HS	5,018,197	5/21/1991	Jones et al.		7/30/1990
HS	5,247,575	9/21/1993	Sprague et al.		4/24/1992
HS	5,629,981	5/13/1997	Nerlikar		7/29/1994
HS	5,666,293	9/9/1997	Metz et al.		7/3/1995
HS	5,894,516	4/13/1999	Brandenburg		7/10/1996
HS	5,915,018	6/22/1999	Aucsmith		11/5/1996
HS	6,229,895	5/8/2001	Son et al.		3/12/1999

FOREIGN PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Country	Class	Translation

OTHER DOCUMENTS / CITATIONS	
Exam. Init.	Document
HS	ANONYMOUS, New Digital Copy Protection Proposal Would Secure Authorized Copies, PR Newswire, November 1998, pages 1-3.
HS	"Pre-encryption Profiles Concept Overview and Proposal" Rev. 1.2, John B. Carlucci, December 5, 2000.

Examiner: Hosuk Song	Date: 12/23/05
----------------------	----------------



LIST OF REFERENCES CITED BY APPLICANT(S)	Application No.: 10/038,032	Sheet 1 of 2
	Docket No.: SNY-R4646.02	Group: 2611
	Filed: 1/2/2002	Conf. No.: 7076
	Applicant: Candelore, et al.	

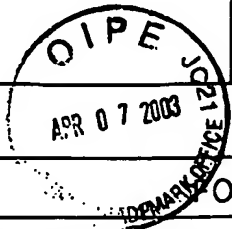
RECEIVED

APR 09 2003

U.S. PATENT DOCUMENTS					Technology Center 2600
Exam. Init.	Document Number	Issue/Pub. Date	Name	Class	Filing Date
HS	3,852,519	12/3/1974	Court		10/20/1972
HS	5,325,432	6/28/1994	Gardeck et al.		2/4/1993
HS	5,420,866	5/30/1995	Wasilewski		3/29/1994
HS	5,535,276	7/9/1996	Ganesan		11/9/1994
HS	5,561,713	10/1/1996	Suh		7/18/1994
HS	5,742,680	4/21/1998	Wilson		11/13/1995
HS	5,742,681	4/21/1998	Giachetti et al.		4/4/1995
HS	5,751,813	5/12/1998	Dorenbos		4/29/1996
HS	5,754,650	5/19/1998	Katznelson		5/3/1995
HS	5,518,934	10/6/1998	Cuccia		12/18/1996
HS	5,999,622	12/7/1999	Yasukawa et al.		11/22/1995
HS	6,012,144	1/4/2000	Pickett		10/1/1997
HS	6,049,613	4/11/2000	Jakobsson		1/13/1998
HS	6,055,314	4/25/2000	Spies et al.		3/22/1996
HS	6,058,186	5/2/2000	Enari		9/29/1998
HS	6,064,748	5/16/2000	Hogan		6/16/1998
HS	6,072,873	6/6/2000	Bewick		3/3/1998
HS	6,307,939	10/23/2001	Vigarie		8/19/1997
HS	US2002/0108035 A1	8/8/2002	Herley et al.		2/6/2001
HS	6,449,718	9/10/2002	Rucklidge et al.		4/9/1999

Examiner: Ho Suk Song	Date: 12/23/05
-----------------------	----------------

LIST OF REFERENCES CITED BY APPLICANT(S)	Application No.: 10/038,032	Sheet 2 of 2
	Docket No.: SNY-R4646.02	Group: 2611
	Filed: 1/2/2002	Conf. No.: 7076
	Applicant: Candelore, et al.	



RECEIVED

APR 09 2003

FOREIGN PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Country	Class	Translation
HS	EP 1 187 483 A2	3/13/2002	EP		NR
HS	WO 00/31964	6/2/2000	PCT		NR
HS	WO 01/78386 A2	10/18/2001	PCT		NR

OTHER DOCUMENTS / CITATIONS	
Exam. Init.	Document
HS	ANONYMOUS, Message Authentication with Partial Encryption, Research disclosure RD 296086, 12/10/1988

Examiner: Hosuk SONG	Date: 12/23/05
----------------------	----------------



INFORMATION DISCLOSURE CITATION				Docket No.: SNY-R4646.02 Sheet 1 of 2 Serial No. : 10/038,032 Filing Date: 1/2/2002 Applicant: Candelore, et al.	
U. S. PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Name	Class	Filing Date
FOREIGN PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Country	Class	Translation
OTHER DOCUMENTS/CITATIONS					
HS	"Performance Study of a Selective Encryption Scheme for the Security of Networked, Real-Time Video" by Spanos and Maples, pages 2-10, 1995, IEEE				
HS	"An Empirical Study of Secure MPEG Video Transmissions" by Agi and Gong, pages 137-144, 1996, IEEE, Proceedings of SNDSS '96				
HS	"Selective Encryption and Watermarking of MPEG Video (Extended Abstract)" by Wu and Wu, February 17, 1997, submitted to International Conference on Image Science, Systems, and Technology, CISST'97				
HS	"An Efficient MPEG Video Encryption Algorithm" by Shi and Bhargava, pages 381-386, 1998 IEEE				
HS	"Comparison of MPEG Encryption Algorithms" by Qiao and Nahrstedt, January 17, 1998, Preprint submitted to Elsevier Science				
HS	"Applying Encryption to Video Communication" by Kunkelmann, pages 41-47, September, 1998, Multimedia and Security Workshop at ACM Multimedia '98, Bristol, U.K.				
HS	"Evaluation of Selective Encryption Techniques for Secure Transmission of MPEG-Compressed Bit-Streams" by Alattar and Al-Regib, pages IV-340 to IV-343, 1999, IEEE				
HS	"Improved Selective Encryption Techniques for Secure Transmission of MPEG Video Bit-Streams" by Alattar, Al-Regib and Al-Semari, pages 256-260, 1999, IEEE				
HS	"Efficient Frequency Domain Video Scrambling for Content Access Control" by Zeng and Lei, November 1999, In Proc. ACM Multimedia				
EXAMINER: Hosuk SONG			DATE CONSIDERED: 12/23/05		

RECEIVED
OCT 09 2002
Technology Center 2600

RECEIVED
OCT - 7 2002
TECHNOLOGY CENTER 2800



INFORMATION DISCLOSURE CITATION	Docket No.: SNY-R4646.02 Sheet 2 of 2 Serial No. : 10/038,032 Filing Date: 1/2/2002 Applicant: Candelore, et al.
------------------------------------	---

U. S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Filing Date

FOREIGN PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Country	Class	Translation

OTHER DOCUMENTS/CITATIONS

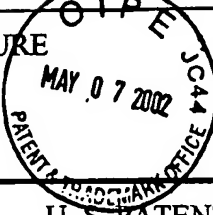
HS	"Transport Streams Insertion of Video in the Compressed Digital Domain" by SeaChange International, Web Site Literature, 2000
HS	"A Report on Security Issues in Multimedia" by Gulwani, pages 10-14, April 30, 2000, Course Notes, Department of Computer Science and Engineering, Indian Institute of Technology Kanpur
HS	"Fast Encryption Methods for Audiovisual Data Confidentiality" by Wu and Kuo, Nov. 2000, SPIE International Symposia on Information Technologies 2000, (Boston, Ma., USA)
HS	"Visible World - A High Impact Approach to Customized Television Advertising" by Haberman, December 2001.
HS	"Ad Agencies and Advertisers To Be Empowered with Targeted Ads Delivered by Television's Prevailing Video Servers" Article Business Section of The New York Times, Updated Thursday, December 20, 2001
HS	"Dynamic-Customized TV Advertising Creation and Production Tools" by SeaChange International, Web Site Literature

EXAMINER: Hosuk Song

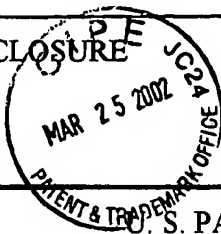
DATE CONSIDERED: 12/23/05

RECEIVED
OCT 09 2002
Technology Center 2600

RECEIVED
OCT 11 2002
TECHNOLOGY CENTER 2600

INFORMATION DISCLOSURE CITATION		 Docket No.: SNY-R4646.02 Sheet 1 of 1 Serial No. : 10/038,032 Filing Date: 1/2/2002 Group: 2611 Applicant: Candelore, et al.			
U. S. PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Name	Class	Filing Date
HS	5,805,700	9/8/98	Nardone, et al.		10/15/96 RECEIVED
					MAY 13 2002
					Technology Center 2600
FOREIGN PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Country	Class	Translation
OTHER DOCUMENTS/CITATIONS					
HS	"Selective Encryption and Watermarking of MPEG Video (Extended Abstract)" by Wu and Wu, Feb 17, 1997, submitted to International Conference on Image Science, Systems, and Technology, CISST'97				
HS	"Run-Time Performance Evaluation for a Secure MPEG System Supporting Both Selective Watermarking and Encryption" by Wu and Wu, March 1, 1997, submitted to JSAC special issue on Copyright and Privacy Protection				
HS	"DVD Demystified - The Guidebook for DVD-Video and DVD-ROM" by Jim Taylor, Pub. McGraw-Hill, 1998, ISBN: 0-07-064841-7, pages 134-147				
HS	"Multimedia and Security Workshop at ACM Multimedia" '98. Bristol, U.K., September 1998				
HS	"A Report on Security Issues in Multimedia" by Gulwani, April 30, 2000, Dept. of Computer Science & Engineering, Indian Institute of Technology Kanpur				
EXAMINER: Hosuk Song			DATE CONSIDERED: 12/23/05		

INFORMATION DISCLOSURE CITATION			Docket No.: SNY-R4646.02 Sheet 1 of 1 Serial No. : 10/038,032 Filing Date: 1/2/2002 Group: 2611 Applicant: Candelore et al.		
U.S. PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Name	Class	Filing Date
HS	5,539,823	7/23/96	Martin		7/24/94
HS	5,600,721	2/4/97	Kitazato		7/27/94
HS	6,057,872	5/2/2000	Candelore		7/9/97
FOREIGN PATENT DOCUMENTS					
Exam. Init.	Document Number	Date	Country	Class	Translation
OTHER DOCUMENTS/CITATIONS					
HS	"Pre-Encryption Profiles - Concept Overview and Proposal", Rev. 1.2 as submitted to the Open CAS consortium on Dec. 28, 2000.				
EXAMINER: Hosuk Song			DATE CONSIDERED: 12/23/05		



RECEIVED
 MAR 28 2002
 Technology Center 2600